

Please type a plus sign (+) inside this box → []

PTO/SB08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 2

COMPLETE IF KNOWN

Application Number	09/898,880
Confirmation Number	2203
Filing Date	July 3, 2001
First Named Inventor	Thomas James Klofta
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	8622

MAR 07 2002



U.S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
KG	1	US-2,804,424	08/27/1957	STIRN ET AL.	
	2	US-3,902,493	09/02/1975	BAIER ET AL.	
	3	US-4,112,167	09/05/1978	DAKE ET AL.	
	4	US-4,324,247	04/13/1982	AZIZ	
	5	US-4,513,051	04/23/1985	LAVASH	
	6	US-4,704,112	11/03/1987	SUZUKI ET AL.	
	7	US-4,882,204	11/21/1989	TENENBAUM	
	8	US-4,904,524	02/27/1990	YOH	
	9	US-4,990,144	02/05/1991	BLOTT	
	10	US-4,996,238	02/26/1991	MATRAVERS	
	11	US-5,043,155	08/27/1991	PUCHALSKI ET AL.	
	12	US-5,370,132 ^A	12/06/1994	WEBER ET AL.	
	13	US-5,409,903 ^A	04/25/1995	POLAK ET AL.	
	14	US-5,509,915 ^A	04/23/1996	HANSON ET AL.	
KG	15	US-5,525,346 ^A	06/11/1996	HARTUNG ET AL.	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	Klofta		DATE CONSIDERED 3-27-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

Please type a plus sign (+) inside this box → [+]

PTO/SB08A (10-01)
Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO		COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/898,880	
	Confirmation Number	2203	
	Filing Date	July 3, 2001	
	First Named Inventor	Thomas James Kloff	
	Group Art Unit	1614	
	Examiner Name		
Attorney Docket Number	8622		

SHEET 2 of 2

RECEIVED
MAR 12 2002
PATENT & TRADEMARK OFFICE
MAR 07 2002

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	DOCUMENT NUMBER Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
KG	16	US-5,558,655 A	09/24/1996	JEZZI ET AL.	
	17	US-5,609,587 A	03/11/1997	ROE	
	18	US-6,043,168 A	03/28/2000	COLMAN ET AL.	
	19	US-6,204,208 B1	03/20/2001	KRZYSIK ET AL.	
	20	US-6,217,890 B1	04/17/2001	PAUL ET AL.	
KG	21	US-6,228,385 B1	05/08/2001	SHICK	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
KG	22	EP 0 297 828 A1	01/04/1989	CHARKOUDIAN ET AL.		
	23	EP 0 631 768 A1	01/04/1995	PLISCHKE ET AL.		
	24	EP 0 692 263 B1	01/17/1996	LICHSTEIN		
	25	UK GB 2 033 751 A	05/29/1980	DUNFORD ET AL.		
	26	WO 01/00156 A1	01/04/2001	TYRRELL ET AL.		
	27	WO 01/00157 A1	01/04/2001	OTTS ET AL.		
	28	WO 01/48312 A1	07/05/2001	BURGHARDT ET AL.		
KG	29	WO 01/83876 A1	11/08/2001	EVERHART ET AL.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER		DATE CONSIDERED 3-27-02	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

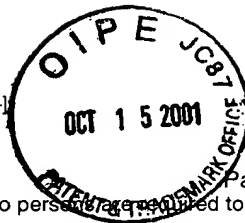
¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

RECEIVED

OCT 17 2001

Please type a plus sign (+) inside this box → [+]



Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number

TECH CENTER 1800/2900

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SHEET 1 of 3</p>	COMPLETE IF KNOWN	
	Application Number	09/898,880
	Confirmation Number	2203
	Filing Date	July 3, 2001
	First Named Inventor	Thomas James Klofta
	Group Art Unit	1614
	Examiner Name	
Attorney Docket Number	8622	

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
K6	1	2,831,854		TUCKER ET AL.	04/22/1958	
	2	3,860,003		BUELL	01/14/1975	
	3	3,935,862		KRASKIN	02/03/1976	
	4	3,963,699		RIZZI ET AL.	06/15/1976	
	5	4,005,195		JANDACEK	01/25/1977	
	6	4,005,196		JANDACEK ET AL.	01/25/1977	
	7	4,138,416		KORESAWA ET AL.	02/06/1979	
	8	4,253,461		STRICKLAND ET AL.	03/03/1981	
	9	4,517,360		VOLPENHEIN	05/14/1985	
	10	4,518,772		VOLPENHEIN	05/21/1985	
	11	4,556,146		SWANSON ET AL.	12/03/1985	
	12	4,566,560		BUCKINGHAM	12/03/1985	
K6	13	4,589,876		VAN TILBURG	05/20/1986	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶
K6	14	EP	0 922 452	A1	PALUMBO ET AL.	06/16/1999		
K6	15	EP	0 922 456	A1	PALUMBO ET AL.	06/16/1999		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER			DATE CONSIDERED 2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

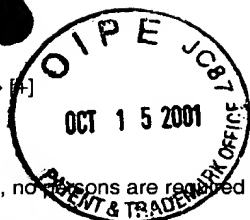
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

RECEIVED

OCT 17 2001

Please type a plus sign (+) inside this box → []


 Approved for use through 10/31/2002 OMB 0651-0031
 Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) SHEET 2 of 3	COMPLETE IF KNOWN	
	Application Number	09/898,880
	Confirmation Number	2203
	Filing Date	July 3, 2001
	First Named Inventor	Thomas James Klofta
	Group Art Unit	1614
	Examiner Name	
	Attorney Docket Number	8622

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	
K6	16	4,597,760		BUELL	07/01/1986		
	17	4,597,761		BUELL	07/01/1986		
	18	4,687,478		VAN TILBURG	08/18/1987		
	19	4,704,115		BUELL	11/03/1987		
	20	4,909,802		AHR ET AL.	03/20/1990		
	21	4,940,464		VAN GOMPEL ET AL.	07/10/1990		
	22	4,950,264		OSBORN, III	08/21/1990		
	23	4,964,860		GIPSON ET AL.	10/23/1990		
	24	4,979,300		BLANK ET AL.	12/25/1990		
	25	5,000,356		JOHNSON ET AL.	03/19/1991		
	26	5,009,653		OSBORN, III	04/23/1991		
	27	5,059,282		AMPULSKI ET AL.	10/22/1991		
	28	5,091,193		ENJOLRAS ET AL.	02/25/1992		
	29	5,092,861		NOMURA ET AL.	03/03/1992		
	30	5,151,092		BUELL ET AL.	09/29/1992		
	31	5,221,274		BUELL ET AL.	06/22/1993		
	32	5,246,433		HASSE ET AL.	09/21/1993		
	K6	33	5,267,992		VAN TILBURG	12/07/1993	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ⁴ Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
EXAMINER	Klofta M. C.	DATE CONSIDERED	2-21-02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

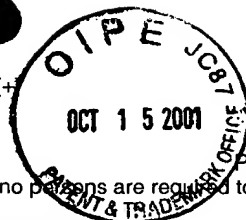
¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.

RECEIVED

OCT 17 2001

Please type a plus sign (+) inside this box → [+]



Approved for use through 10/31/2002 OMB 0651-0031

TECH CENTER 1800/2900

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

COMPLETE IF KNOWN

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 3 of 3

Application Number	09/898,880
Confirmation Number	2203
Filing Date	July 3, 2001
First Named Inventor	Thomas James Klofta
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	8622

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	U.S. PATENT DOCUMENT Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
KG	34	5,304,161		NOEL ET AL.	04/19/1994	
	35	5,306,514		LETTON ET AL.	04/26/1994	
	36	5,306,515		LETTON ET AL.	04/26/1994	
	37	5,360,516		LETTON ET AL.	04/26/1994	
	38	5,376,655		IMAKI ET AL.	12/27/1994	
	39	5,389,094		LAVASH ET AL.	02/14/1995	
	40	5,409,903		POLAK ET AL.	04/25/1995	
	41	5,413,568		ROACH ET AL.	05/09/1995	
	42	5,429,816		HOFRICHTER ET AL.	07/04/1995	
	43	5,460,623		EMENAKER ET AL.	10/24/1995	
	44	5,489,283		VAN TILLBURG	02/06/1996	
	45	5,552,136		MOTLEY	09/03/1996	
	46	5,554,145		ROE ET AL.	09/10/1996	
	47	5,569,231		EMENAKER ET AL.	10/29/1996	
	48	5,569,234		BUELL ET AL.	10/29/1996	
	49	5,580,411		NEASE ET AL.	12/03/1996	
	50	5,607,760		ROE	03/04/1997	
	51	5,609,587		ROE	03/11/1997	
	52	5,620,430		BAMBER	04/15/1997	
	53	5,643,588		ROE ET AL.	07/01/1997	
	54	6,066,673		MCIVER ET AL.	05/23/2000	
	55	6,120,487		ASHTON	09/19/2000	
KG	56	6,120,489		JOHNSON ET AL.	09/19/2000	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	FOREIGN PATENT DOCUMENT Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ⁶

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶

EXAMINER <i>Kate M. G.</i>	DATE CONSIDERED <i>2-21-02</i>
----------------------------	--------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, D.C. 20231.